

Armeen 18D

Octadecylamine

Distilled primary octadecyl amine

Specifications

Amine number	204-213 mg KOH/g
Color	0-1 Gardner
Iodine value	0-3 g I ₂ /100 g
Moisture	≤ 0.5 %
Neutralization equivalent	263-275 g/eq
Primary Amine	≥ 98 %
Secondary Amine	≤ 2 %

Characteristics

Appearance	Solid at 25°C
Equivalent mass	269 g/eq
Flash point	≥150 C
HLB	8 Davies Scale 0-40
Initial boiling point	2 (166 mm Hg), 8 (196 mm Hg), 32 (232 mm Hg), 349 (760 mm Hg) °C
Melting point	56 °C
pKb	3.4
Pour point	46 °C
Solubility in water	9.3(65), 7.5(70), 4.0(80) % (@ C)
Specific Gravity	0.791(60), 0.784(70)
Specific Heat BTU/Lb/F	0.54 BTU/Lb/F
Vapor pressure	≤ 0.1 mm Hg @20 C
Viscosity	43.7(55), 42.2(65), 39.9(75) SSU

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

ARMEEN is a registered trademark in many countries. For more information, please visit our website at www.nouryon.com.

The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.